FIG.1

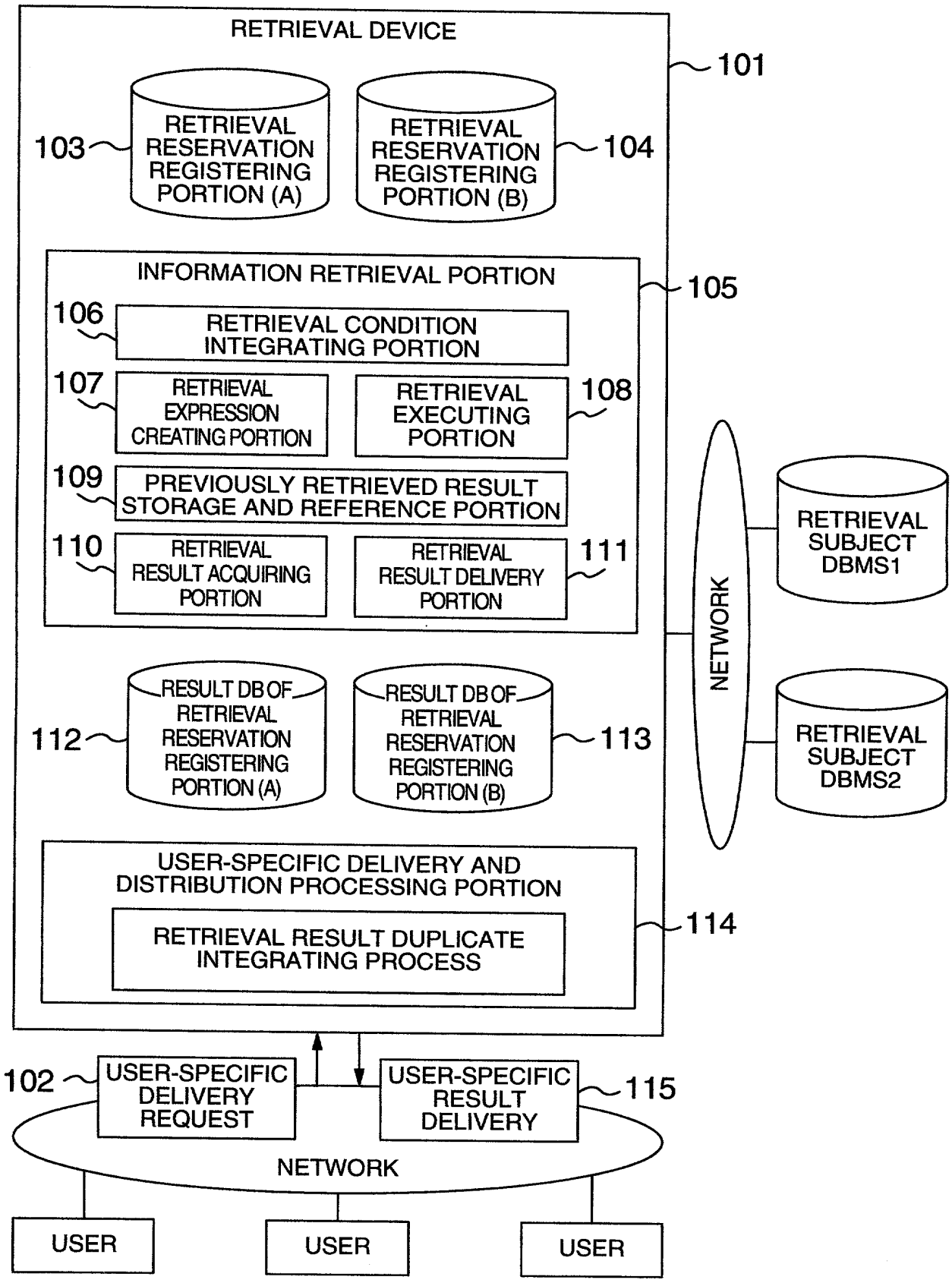
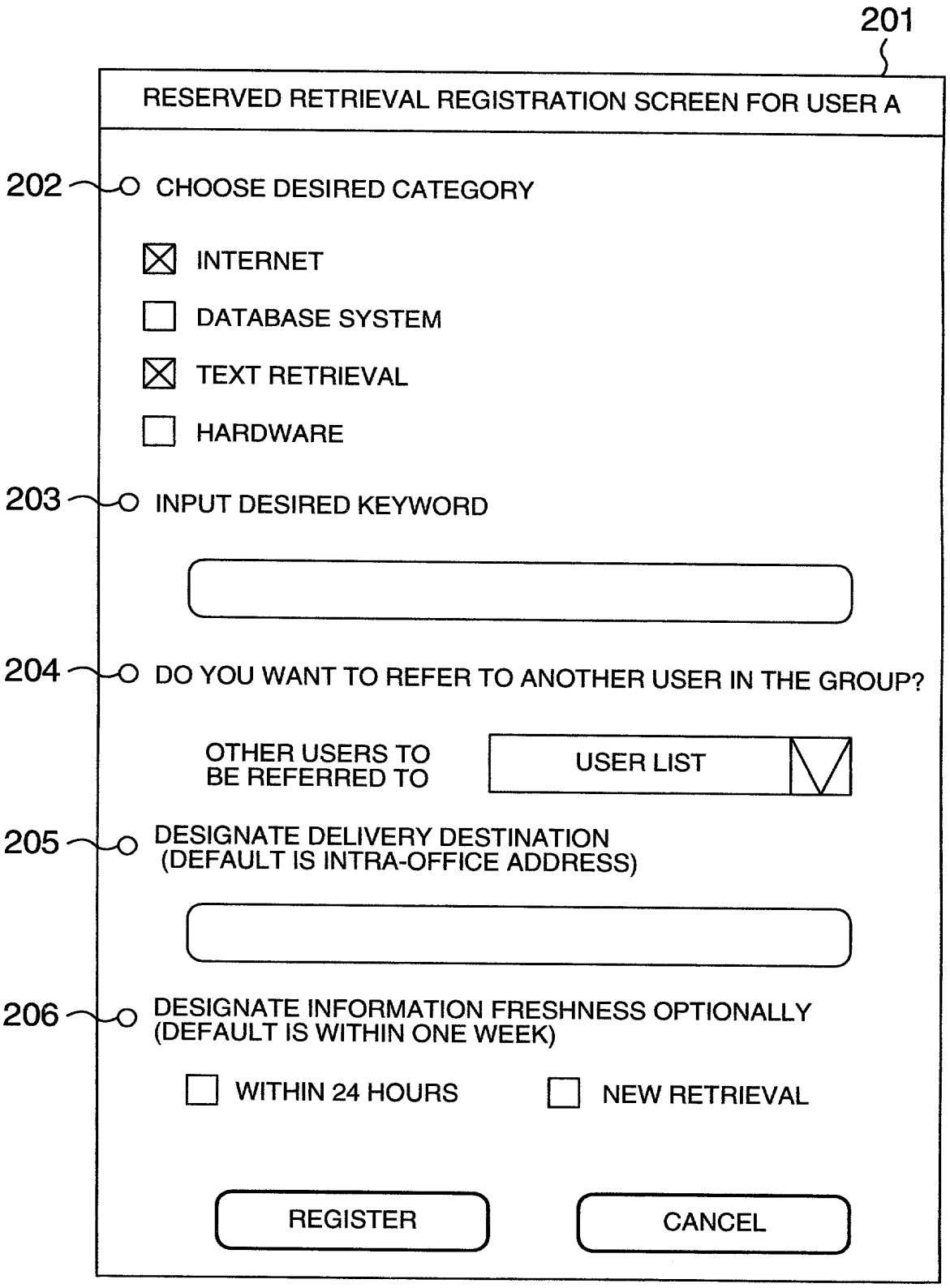

RETRIEVAL DEVICE
101
103
RETRIEVAL RESERVATION REGISTERING PORTION (A)
104
RETRIEVAL RESERVATION REGISTERING PORTION (B)
INFORMATION RETRIEVAL PORTION
105
106
RETRIEVAL CONDITION INTEGRATING PORTION
107
RETRIEVAL EXPRESSION CREATING PORTION
108
RETRIEVAL EXECUTING PORTION
109
PREVIOUSLY RETRIEVED RESULT STORAGE AND REFERENCE PORTION
110
RETRIEVAL RESULT ACQUIRING PORTION
111
RETRIEVAL RESULT DELIVERY PORTION
NETWORK
RETRIEVAL SUBJECT DBMS1
RETRIEVAL SUBJECT DBMS2
112
RESULT DB OF RETRIEVAL RESERVATION REGISTERING PORTION (A)
113
RESULT DB OF RETRIEVAL RESERVATION REGISTERING PORTION (B)
USER-SPECIFIC DELIVERY AND DISTRIBUTION PROCESSING PORTION
114
RETRIEVAL RESULT DUPLICATE INTEGRATING PROCESS
102
USER-SPECIFIC DELIVERY REQUEST
USER-SPECIFIC RESULT DELIVERY
115
NETWORK
USER
USER
USER

FIG.2

EXAMPLE OF SCREEN FOR REGISTRATION OF RETRIEVAL RESERVATION



3847250 "55/2001

FIG.3

RETRIEVAL CONDITION INTEGRATING PORTION (106)

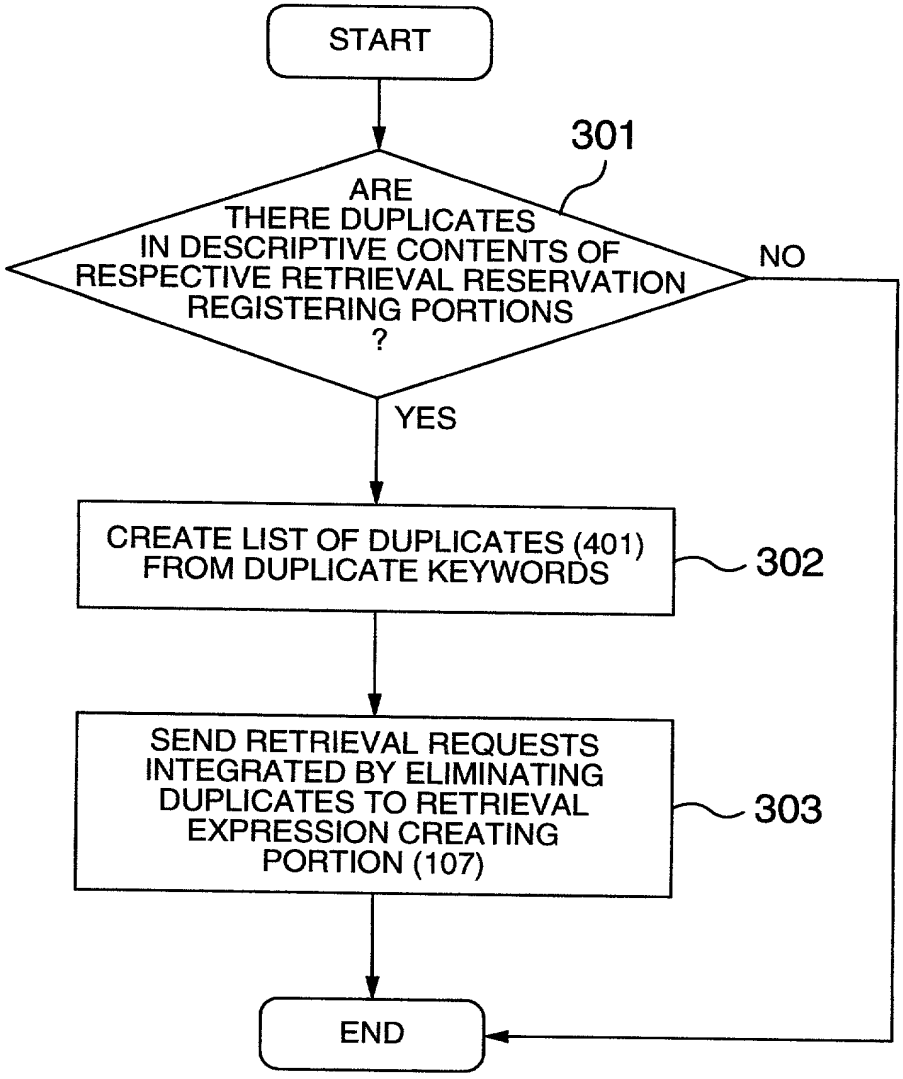


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FIG.4

EXAMPLE OF LIST OF DUPLICATES (401)

DUPLICATE KEY	REQUESTER RETRIEVAL RESERVATION REGISTRATION	REQUEST USER
INTERNET	RETRIEVAL RESERVATION REGISTERING PORTION (A)	USER A
INTERNET	RETRIEVAL RESERVATION REGISTERING PORTION (B)	USER B
INTERNET	RETRIEVAL RESERVATION REGISTERING PORTION (B)	USER C

DUPLICATE KEY	REQUESTER RETRIEVAL RESERVATION REGISTRATION	REQUEST USER
TEXT RETRIEVAL	RETRIEVAL RESERVATION REGISTERING PORTION (A)	USER A
TEXT RETRIEVAL	RETRIEVAL RESERVATION REGISTERING PORTION (B)	USER B

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FIG.5

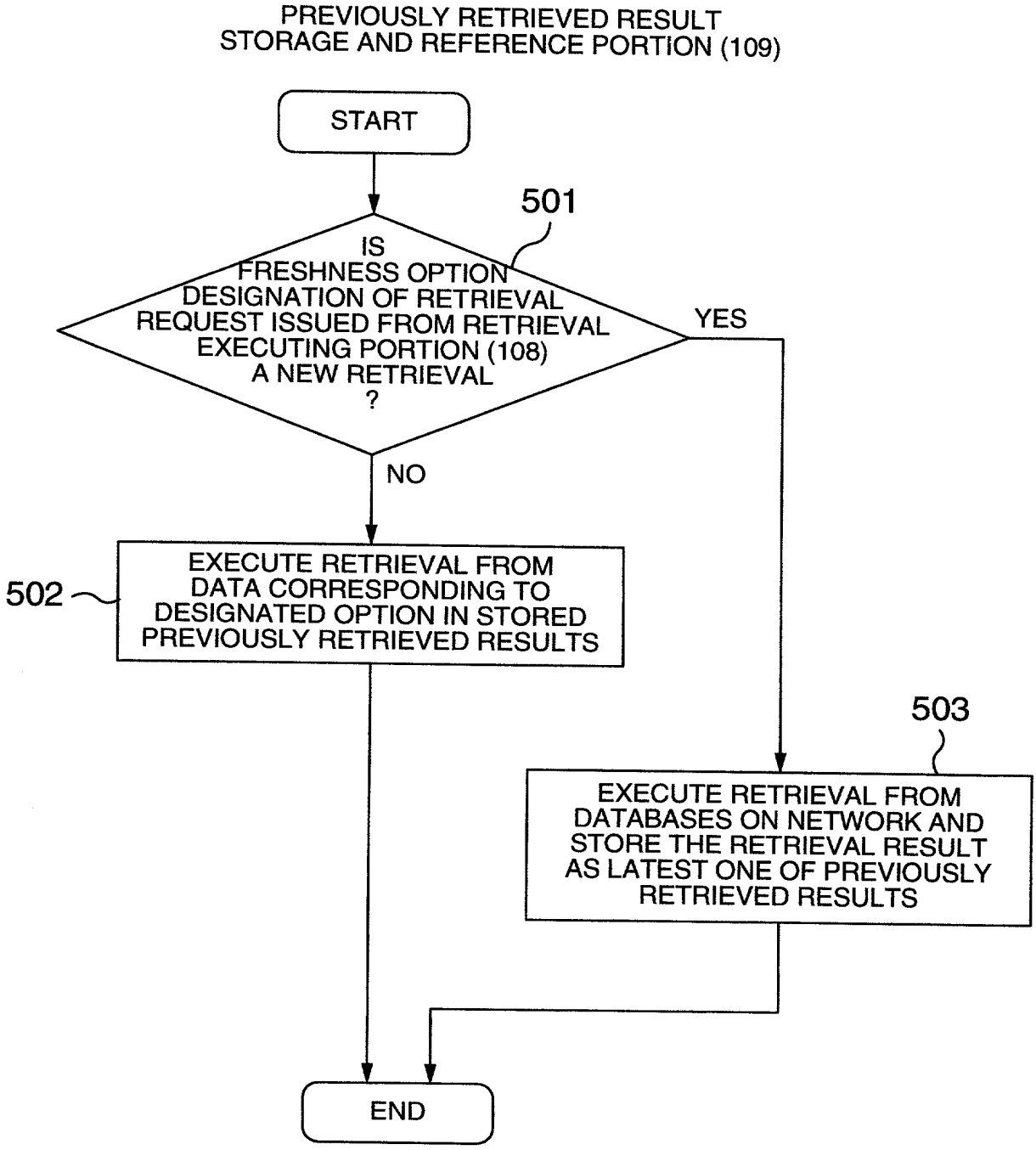
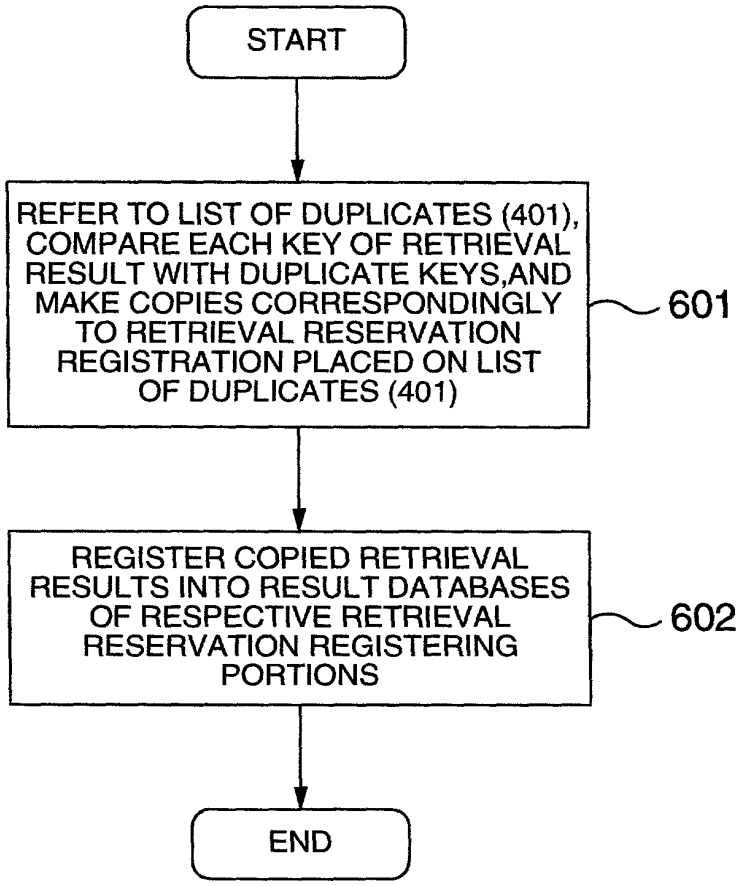

PREVIOUSLY RETRIEVED RESULT
STORAGE AND REFERENCE PORTION (109)
START
501
IS
FRESHNESS OPTION
DESIGNATION OF RETRIEVAL
REQUEST ISSUED FROM RETRIEVAL
EXECUTING PORTION (108)
A NEW RETRIEVAL
?
YES
NO
502
EXECUTE RETRIEVAL FROM
DATA CORRESPONDING TO
DESIGNATED OPTION IN STORED
PREVIOUSLY RETRIEVED RESULTS
503
EXECUTE RETRIEVAL FROM
DATABASES ON NETWORK AND
STORE THE RETRIEVAL RESULT
AS LATEST ONE OF PREVIOUSLY
RETRIEVED RESULTS
END

FIG.6

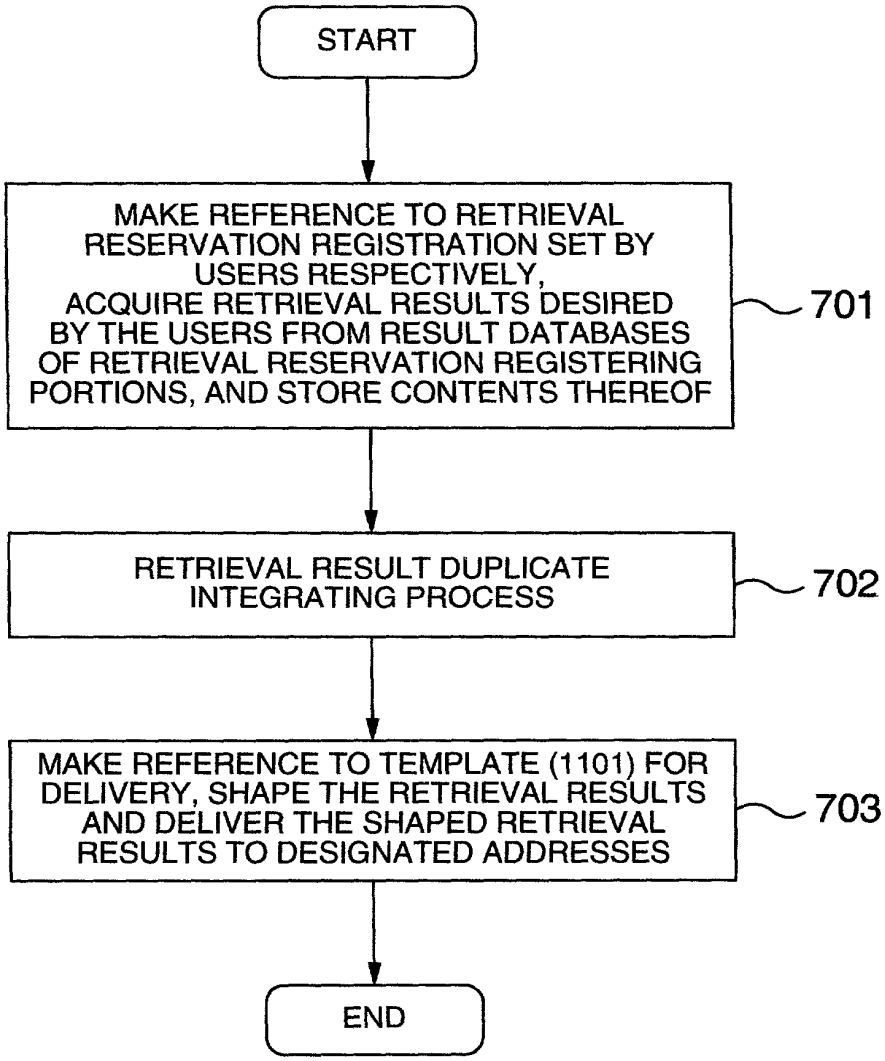
RETRIEVAL RESULT DELIVERY PORTION (111)



EP 0 961 206 A2 1999/49/01

FIG.7

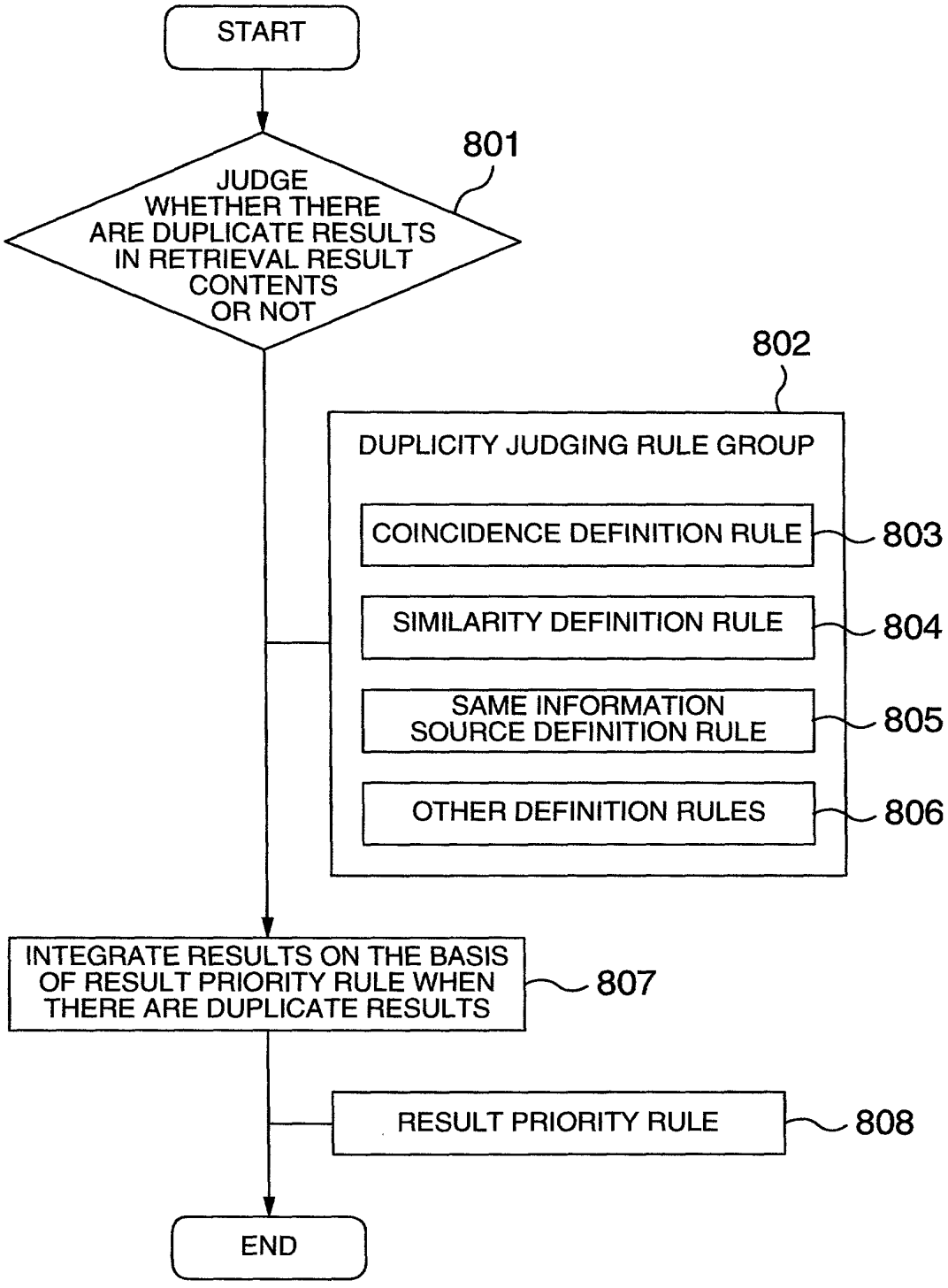
USER-SPECIFIC DELIVERY AND
DISTRIBUTION PROCESSING PORTION (114)



EP 1 026 614 A2 20000809

FIG.8

FLOW OF RETRIEVAL RESULT
DUPLICATE INTEGRATING PROCESS (702)



EP 0 954 802 A2 19991110

FIG.9

STRUCTURE OF INTEGRATING DUPLICATE DATA IN RETRIEVAL RESULTS

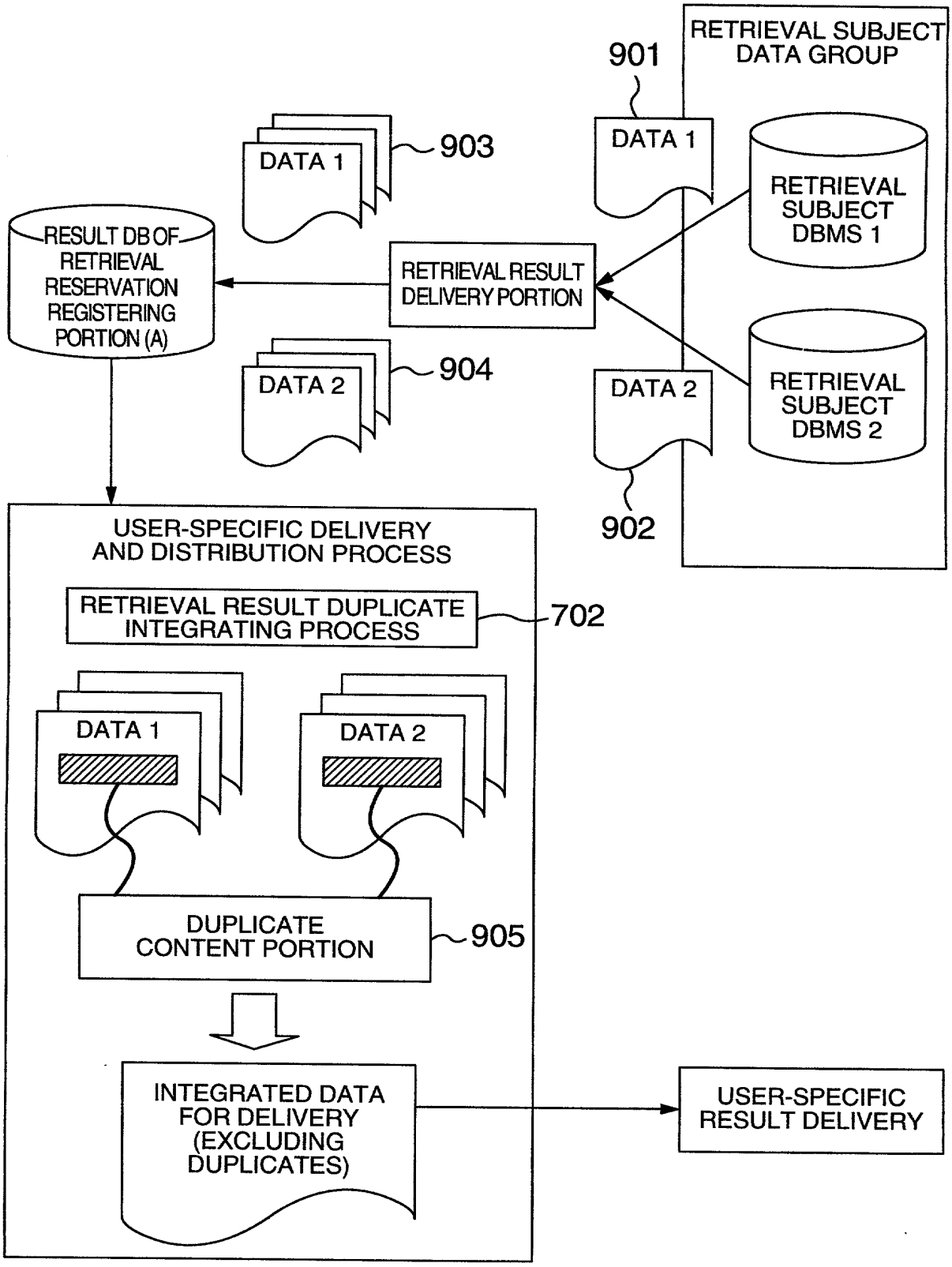


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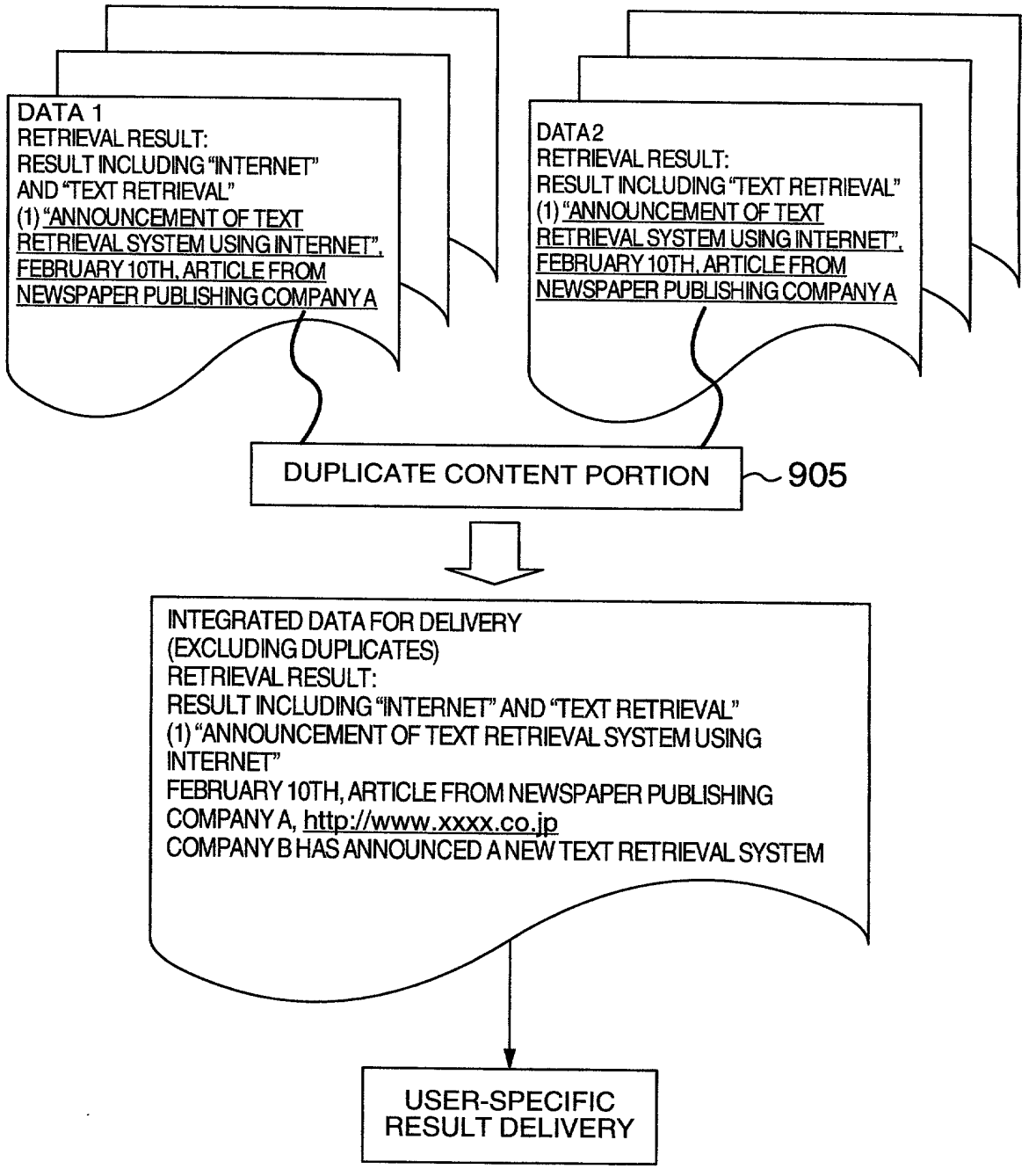
FIG.10

EXAMPLE OF CONTENTS OF RETRIEVAL RESULT DATA SUBJECTED TO INTEGRATION OF DUPLICATES

WHEN RESERVED RETRIEVAL RESULTS FOR USER A ARE DATA 1 AND DATA 2



EP 0 955 595 A2 10/05/1999

FIG.11

EXAMPLE OF TEMPLATE (1101) FOR DELIVERY 1101

RETRIEVAL KEYS:
RETRIEVAL DATE:
TABLE OF CONTENTS:RETRIEVAL CONDITIONS AND LIST OF RESULT SUMMARIES
RETRIEVAL RESULT:
NUMBER OF HITS:
{NUMBER, TITLE, CREATOR, CREATION DATE, URL, SUMMARY, COMMENT}
{NUMBER, TITLE, CREATOR, CREATION DATE, URL, SUMMARY, COMMENT}
{NUMBER, TITLE, CREATOR, CREATION DATE, URL, SUMMARY, COMMENT}
•
•

TERMINATION COMMENT

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FIG.12

EXAMPLE OF MAIL TO BE DELIVERED
BY USE OF TEMPLATE FOR DELIVERY

1201

MAIL (1201) DELIVERED TO USER A

RETRIEVAL KEYS: INTERNET, TEXT RETRIEVAL
RETRIEVAL DATE: MARCH 1ST, 2001
TABLE OF CONTENTS: (1) TEXT RETRIEVAL SYSTEM USING INTERNET
(2) NEW TECHNIQUE FOR TEXT RETRIEVAL ON INTERNET
=====
RETRIEVAL RESULT: RESULT INCLUDING "INTERNET" AND "TEXT RETRIEVAL"
NUMBER OF HITS: 2
(1) "ANNOUNCEMENT OF TEXT RETRIEVAL SYSTEM USING INTERNET"
FEBRUARY 10TH, ARTICLE FROM NEWSPAPER PUBLISHING COMPANY A,
http://www.xxxx.co.jp
COMPANY B HAS ANNOUNCED A NEW TEXT RETRIEVAL SYSTEM.
====
(2) "NEW TECHNIQUE FOR TEXT RETRIEVAL ON INTERNET"
FEBRUARY 11TH, JOURNAL OF SOCIETY C, http://www.xx.org
IN A NEW TEXT RETRIEVAL SYSTEM DIFFERENT FROM CONVENTIONAL
TEXT RETRIEVAL,RETRIEVAL CAN BE EXECUTED ALSO WITH AN
AMBIGUOUS SENSE.
=====
RETRIEVAL RESULT: RESULT INCLUDING "TEXT RETRIEVAL"
NUMBER OF HIT: 1
(3) "MANNER OF FULL TEXT RETRIEVAL IN KNOWLEDGE MANAGEMENT"
FEBRUARY 10TH, ARTICLE FROM NEWSPAPER PUBLISHING
COMPANY A, http://www.xxxx.co.jp
WITH INCREASING CONCERN ABOUT KNOWLEDGE MANAGEMENT,
RESEARCH ON FULL TEXT RETRIEVAL HAS BEEN PRESENTED AT
SCIENTIFIC SOCIETY D.
=====
RETRIEVAL RESULT: RESULT INCLUDING "INTERNET"
NUMBER OF HITS: 1,523
COMMENT: BECAUSE OF MAIL CAPACITY EXCEEDED,
PLEASE REFER TO STORAGE AREA 1 IN RETRIEVAL RESULT DB DIRECTLY.
====
TERMINATION COMMENT: THESE ARE ALL THE RETRIEVAL RESULTS.

EP 1 026 596 A2 04 AUG 2000